

CLAIMS

Sub
P3
Gul

10087250-030102

1. Sealing device (1) with a sensor for a rolling bearing (2), the sealing device comprising a sealing shield (7) which is mounted between two races of the rolling bearing (2), and which also comprises an encoder wheel (8) which is arranged inside the rolling bearing (2) between the two races and the shield (7), and also comprises a detecting sensor (9) which is arranged frontally in relation to the encoder wheel (8) in a respective housing (10) which is presented by the shield (7); the sealing device (1) is characterised by the fact that the sensor (9) comprises a detection surface and is positioned inside the housing (10) in such a way that the detection surface (9s) directly faces the encoder wheel (8).

2. Device according to Claim 1, characterised by the fact that the said housing (10) comprises a support wall (16) which supports the sensor (9) in a stable operating configuration suitable for detecting, in which the detection surface (9s) directly faces the encoder wheel (8).

3. Device according to Claim 2, characterised by the fact that the said wall (16) defines a substantially annular window (15) through

Sub
G3
and

7007250 030105

- 9 -